MEASUREMENT

RA 1ST AND PART BILL

Name of work: **Comprehensive Development works in ward No. 03 Attur**

Date of Recording:

Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit	Rate	Amount
12	**KSRB 14.6: Providing and laying heavy duty cobble stones interlock pavers,using cement and course sand for manufacture of blocks of approved size , shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints,final compaction of paver surface joints into its final levevl,including cost of materials,labour and HOM complete as per specifications. Specification No. KBS ,14.6 KSRB 14.6-1 heavy duty cobble stones 60 mm thick Sqm in place of 75mm thick (rate reduced)**										
	MIG B -02(1,2 AND 3)										
	Ch: 0.00 to12.7 Mts	1	12.70	15.50	15.50	15.50		196.85			
	Ch: 0.00 to8.2 Mts(LHS AND RHS)	2	8.20	3.50	3.50	3.50		57.40			
	Ch: 0.00 to3.7 Mts(LHS AND RHS)	2	3.70	2.00	2.00	2.00		14.80			
	Ch: 0.00 to8.2 Mts	1	8.20	3.40	3.40	3.40		27.88			
	Ch: 0.00 to3.5 Mts	1	3.50	2.00	2.00	2.00		7.00			
	TOTAL							**303.93**			
	MIG B-05(4,5 AND 6)										
	Ch: 0.00 to16.7 Mts	1	16.70	15.00	15.00	15.00		250.50			
	Ch: 0.00 to8.2 Mts(LHS AND RHS)	2	8.20	2.30	2.30	2.30		37.72			
	Ch: 0.00 to5.5 Mts(LHS AND RHS)	2	5.50	2.00	2.00	2.00		22.00			
	Ch: 0.00 to8.4 Mts	1	8.40	3.50	3.50	3.50		29.40			
	Ch: 0.00 to3.6Mts	1	3.60	2.00	2.00	2.00		7.20			
	TOTAL							**346.82**			
	MIG B -14(13,14AND 15)										
	Ch: 0.00 to16.5 Mts	1	16.50	13.00	13.00	13.00		214.50			
	Ch: 0.00 to8.2 Mts(LHS AND RHS)	2	8.20	3.50	3.50	3.50		57.40			
	Ch: 0.00 to3.7 Mts(LHS AND RHS)	2	3.70	2.00	2.00	2.00		14.80			
	Ch: 0.00 to8.5 Mts	1	8.50	3.50	3.50	3.50		29.75			
	Ch: 0.00 to3 Mts	1	3.00	2.00	2.00	2.00		6.00			
								322.45			
	DEDUCTION										
	Ganapathi temple	1	3.00	2.00	2.00	2.00		6.00			
	TOTAL							**316.45**			
	MIG B-23(22,23 & 24)										
	Ch: 0.00 to16.2 Mts	1	16.20	15.30	15.30	15.30		247.86			
	Ch: 0.00 to8.2 Mts	1	8.20	2.00	2.00	2.00		16.40			
	Ch: 0.00 to8.2 Mts	1	8.20	3.50	3.50	3.50		28.70			
	Ch: 0.00 to3.3 Mts	1	3.30	2.00	2.00	2.00		6.60			
	Ch: 0.00 to3.6 Mts	1	3.60	2.00	2.00	2.00		7.20			
	Ch: 0.00 to3.6 Mts	1	3.60	3.60	3.60	3.60		12.96			
	Ch: 0.00 to3.8 Mts	1	3.80	2.00	2.00	2.00		7.60			
	TOTAL							**327.32**			
	MIG B-28(27,28&29)										
	COBBLE										
	Ch: 0.00 to17.8 Mts	1	17.80	15.10	15.10	15.10		268.78			
	Ch: 0.00 to8.2 Mts(LHS AND RHS)	2	8.20	3.50	3.50	3.50		57.40			
	Ch: 0.00 to3.9 Mts(LHS AND RHS)	2	3.90	2.00	2.00	2.00		15.60			
	Ch: 0.00 to8.2 Mts	1	8.20	2.90	2.90	2.90		23.78			
	Ch: 0.00 to5.6 Mts	1	5.60	2.00	2.00	2.00		11.20			
								376.76			
	DEDUCTION										

AARTH ASSOCIATES BANGALORE

Scanned by TapScanner

	TANK	1	5.30	3.20	3.20	3.20		16.96			
	TOTAL							**359.80**			
	MIG B-17(16,17&18))										
	Ch: 0.00 to15 Mts	1	15.00	14.50	14.50	14.50		217.50			
	Ch: 0.00 to8.2 Mts(LHS AND RHS)	2	8.20	3.20	3.20	3.20		52.48			
	Ch: 0.00 to3.4 Mts(LHS AND RHS)	2	3.40	2.00	2.00	2.00		13.60			
	Ch: 0.00 to8.3 Mts	1	8.30	3.50	3.50	3.50		29.05			
	Ch: 0.00 to1.6 Mts	1	1.60	2.00	2.00	2.00		3.20			
	TOTAL							**315.83**			
	MIG B-08(7,8&9))										
	COBBLE										
	Ch: 0.00 to14.5 Mts	1	14.50	8.60	8.60	8.60		124.70			
	Ch: 0.00 to8.2 Mts	1	8.20	3.10	3.10	3.10		25.42			
	Ch: 0.00 to8.2 Mts	1	8.20	2.50	2.50	2.50		20.50			
	Ch: 0.00 to3.2 Mts	1	3.20	2.00	2.00	2.00		6.40			
	Ch: 0.00 to8.3 Mts	1	8.30	3.50	3.50	3.50		29.05			
	Ch: 0.00 to3.5 Mts	1	3.50	2.00	2.00	2.00		7.00			
	TOTAL							**213.07**			
	MIG B-10(10,11&12))										
	COBBLE										
	Ch: 0.00 to15 Mts	1	15.00	14.50	14.50	14.50		217.50			
	Ch: 0.00 to8.2 Mts(LHS AND RHS)	2	8.20	3.50	3.50	3.50		57.40			
	Ch: 0.00 to3.6 Mts(LHS AND RHS)	2	3.60	2.00	2.00	2.00		14.40			
	Ch: 0.00 to8.2 Mts	1	8.20	3.00	3.00	3.00		24.60			
	Ch: 0.00 to4 Mts	1	4.00	2.00	2.00	2.00		8.00			
	TOTAL							**321.90**			
	MIG B-20(19,20&21))										
	COBBLE										
	Ch: 0.00 to15.1 Mts	1	15.10	14.00	14.00	14.00		211.40			
	Ch: 0.00 to8.2 Mts(LHS AND RHS)	2	8.20	3.20	3.20	3.20		52.48			
	Ch: 0.00 to3.9 Mts(LHS AND RHS)	2	3.90	2.00	2.00	2.00		15.60			
	Ch: 0.00 to8.2 Mts	1	8.20	3.00	3.00	3.00		24.60			
	Ch: 0.00 to2.00 Mts	1	2.00	1.70	1.70	1.70		3.40			
	TOTAL							**307.48**			
	MIG B-30										
	COBBLE										
	Ch: 0.00 to17 Mts	1	17.00	16.00	16.00	16.00		272.00			
	Ch: 0.00 to8.2 Mts	1	8.20	3.70	3.70	3.70		30.34			
	Ch: 0.00 to8.3 Mts	1	8.30	3.10	3.10	3.10		25.73			
	Ch: 0.00 to3.7 Mts	1	3.70	2.00	2.00	2.00		7.40			
	TOTAL							**335.47**			
	MIG B-32(31,32&33)										
	COBBLE										
	Ch: 0.00 to16 Mts	1	16.00	15.00	15.00	15.00		240.00			
	Ch: 0.00 to8.2 Mts(LHS AND RHS)	2	8.20	3.70	3.70	3.70		60.68			
	Ch: 0.00 to8.3 Mts	1	8.30	3.00	3.00	3.00		24.90			
	Ch: 0.00 to4 Mts(LHS AND RHS)	2	4.00	2.00	2.00	2.00		16.00			
	Ch: 0.00 to3.2 Mts	1	3.20	2.00	2.00	2.00		6.40			
	TOTAL							**347.98**			
	MIG B-35										
	COBBLE										
	Ch: 0.00 to17.4 Mts	1	17.40	15.00	15.00	15.00		261.00			
	Ch: 0.00 to8.3 Mts(LHS AND RHS)	2	8.30	3.50	3.50	3.50		58.10			
	Ch: 0.00 to8.2 Mts	1	8.20	3.20	3.20	3.20		26.24			

Scanned by TapScanner

	Ch: 0.00 to3.6 Mts(LHS AND RHS)	2	3.60	2.00	2.00	2.00		14.40			
	Ch: 0.00 to2.3 Mts	1	2.30	1.30	1.30	1.30		2.99			
	TOTAL							**362.73**			
	MIG B-37(35,36&37)										
	COBBLE										
	Ch: 0.00 to19Mts	1	19.00	11.70	11.70	11.70		222.30			
	Ch: 0.00 to8.5Mts	1	8.50	2.50	2.50	2.50		21.25			
	Ch: 0.00 to4.5Mts	1	4.50	2.00	2.00	2.00		9.00			
	TOTAL							**252.55**			
	MIG A-11(10,11&12)										
	COBBLE										
	Ch: 0.00 to12.7 Mts	1	12.70	8.70	8.70	8.70		110.49			
	DEDUCTION										
	TANKS	2	5.30	3.20	3.20	3.20		33.92			
	BOXES	6	1.00	0.80	0.80	0.80		4.80			
								38.72			
	TOTAL							**71.77**			
	Ch: 0.00 to7.4 Mts(LHS &RHS)	2	7.40	2.00	2.00	2.00		29.60			
	DEDUCTION										
	BOXES	5	0.60	0.60	0.60	0.60		1.80			
	TOTAL							**27.80**			
	Ch: 0.00 to3.4 Mts	1	3.40	2.00	2.00	2.00		6.80			
	Ch: 0.00 to7.4 Mts	1	7.40	2.00	2.00	2.00		14.80			
	TOTAL							**121.17**			
	HIGB-08&09										
	COBBLE										
	Ch: 0.00 to30.00 Mts	1	30.00	4.00	4.00	4.00		120.00			
	Ch: 30.00 to40.00 Mts	1	10.00	4.00	4.00	4.00		40.00			
	TOTAL							**160.00**			
	HIGC-1										
	COBBLE										
	Ch: 0.00 to30.00 Mts	1	30.00	7.00	7.00	7.00		210.00			
	Ch: 30.00 to32.00 Mts	1	2.00	7.00	7.00	7.00		14.00			
	Ch: 0.00 to23.00 Mts	1	23.00	7.50	7.50	7.50		172.50			
	TOTAL							**396.50**			
							Present Qty	**4789.00**	**Sqm**	**1139.00**	**5454671.00**
										Total	**17004698.67**
										GST @ 12%	2040563.84
										Grand Total	**19045262.51**

CONTRACTOR

PMC

Assistant Engineer
Project Division BBMP Yelahanka

Assistant Executive Engineer
Project Division BBMP Yelahanka

Scanned by TapScanner